

DIVISION 7

THERMAL AND MOISTURE PROTECTION

07600 FLASHING AND SHEET METAL

PART 1 – GENERAL

1.1 WORK

- A. Work includes all labor and materials required to complete the work as listed on the **Scope** and specified herein.
- B. Where additional instruction is required, work shall be as directed by the **Inspector**.
- C. When flashing and sheet metal work involves removal or disturbance of painted or otherwise coated surfaces work shall comply with [Section 01810 Lead Dust Hazards](#).

1.2 QUALITY STANDARDS

- A. Provide skilled, trained, experienced and competent workers to complete the work as specified.
- B. Provide a certified lead abatement supervisor and certified lead abatement workers to perform any removal or demolition work, including clean up and debris removal per [Section 01810 Lead Dust Hazards](#) for any work under this section.
- C. All work shall completed in accordance with state and local building codes, manufacturer's instructions, and as specified herein.

1.3 SUBMITTALS

- A. **Contractor** shall notify the Milwaukee Health Department (MHD) – Lead Section (414-286-5033) **at least 24 hours prior to starting any work that involves disturbance of painted or otherwise coated surfaces**. MHD will assign a Lead Risk Assessor to monitor the work to document lead safe rehabilitation procedures were followed.

1.4 MATERIALS HANDLING AND STORAGE

- A. Provide all materials required to complete the work.
 - Materials and products delivered will be certified by the manufacturer to be as specified.
 - Do not install any damaged, defective or unsatisfactory materials.
- B. Store materials off the ground, protected from dirt, ground moisture, contaminants, and weather.

1.5 PRECONSTRUCTION AND PREPARATION

- A. Examine and verify that job conditions are satisfactory for speedy and acceptable work.
 - Check that weather conditions will be acceptable for work.
 - Provide proper containment measures as outlined in [Section 01810 Lead Dust Hazards](#).
 - Provide lifts, cranes, ladders or scaffolding to assist high-level flashing work.
 - Have on hand and ready for installation in coordination with siding, roofing, or other work.

PART 2 – MATERIALS

2.1 FLASHING

- A. Provide and install all flashing of types, sizes and gauges as listed on the **Scope** and as specified herein.
- B. Provide flashing material as follows:
 - Steel: 20 gauge galvanized steel
 - Aluminum: 20 gauge aluminum
 - PVC: 30 mil. Sheet
 - Copper: 16oz./sq.ft. cold rolled copper
- C. Flashing fasteners shall be made of compatible non-corrosive materials consistent with the type of flashing being installed.

PART 3 – INSTALLATION

3.1 FLASHINGS

- A. Install flashing in accordance with building code and manufacturer's instructions.
- B. Provide flashing installations as outlined in the **Scope** and as follows:
 - Keep dissimilar metals well separated to avoid corrosion.
 - Lap and lock seams; solder seam joints where necessary to guarantee a watertight seal.
 - Lap edge metal at least 4 inches.
 - Install flashing high enough at walls to ensure a watertight seal.

3.2 ROOF FLASHING

- A. Provide and install roof flashing as needed to guarantee a finished and watertight roof system.
 - Integrate and embed flashing within roofing materials per manufacturer's instructions.
 - Flashing shall be in adequate widths with enough lap to prevent water infiltration.
 - Caulk hip, ridge, and other flashing.
 - Cover all edges of metal flashing with roofing cement or adhesive.
 - Fill all joints between flashing and edges of shingles with roof cement or adhesive.
 - Caulk all reglets.
 - Provide all flashing, roof cement, and caulking for roof hatches, skylights, vents, curbs, roof drains, scuppers, equipment supports, newel posts, parapet walls, etc.

3.3 INSPECTION AND CLEAN-UP

- A. Cleaning and repairs:
 - Clean up shall be in accordance with [Section 01810 Lead Dust Hazards](#).
 - At completion of work, clean the work area and remove all scrap and excessive materials.
 - Repair or replace defective work as directed by the **Inspector**.

END OF SECTION – 07600 FLASHING AND SHEET METAL